CLAIMS

1. An assembly comprising a wood floor juxtaposed with a material comprising a felt of mineral fibers.

2. The assembly as claimed in the preceding claim, characterized in that the felt has a thickness ranging from 2 to 10 mm.

3. The assembly as claimed in the preceding claim, characterized in that the felt has a thickness ranging from 3 to 7 mm.

4. The assembly as claimed in one of the preceding claims, characterized in that the fibers of the felt have a fineness index ranging from 3 to 25 liters per minute.

5. The assembly as claimed in the preceding claim, characterized in that the fibers of the felt have a fineness index ranging from 10 to 15 l/min.

6. The assembly as claimed in the preceding claim, characterized in that the mineral fibers are glass fibers.

7. The assembly as claimed in one of the preceding claims, characterized in that the felt includes some binder in an amount from 3 to 30% by weight.

8. The assembly as claimed in the preceding claim, characterized in that the felt includes some binder in an amount from 5 to 25% by weight.

9. The assembly as claimed in the preceding claim, characterized in that the felt includes some binder in an amount from 6 to 16% by weight.

10. The assembly as claimed in one of the preceding claims, characterized in that the binder is of the thermosetting type.

11. The assembly as claimed in one of the preceding claims, characterized in that the binder is of the phenolic or acrylic or epoxy type.

12. The assembly as claimed in one of the preceding claims, characterized in that the fibers were produced by the internal centrifugation process.

13. The assembly as claimed in one of the preceding claims, characterized in that the material includes at least one veil.

14. The assembly as claimed in the preceding claim, characterized in that at least one veil is on an external face of the assembly.

15. The assembly as claimed in either of the two preceding claims, characterized in that at least one veil has a mass per unit area ranging from 5 to 100 g/m^2.

16. The assembly as claimed in one of the three preceding claims, characterized in that at least one veil is made of polyester.

17. The assembly as claimed in one of the preceding claims, characterized in that the material and the wood floor are adhesively bonded to each other.

18. The assembly as claimed in one of the preceding claims, characterized in that the wood floor is a laminate.

19. A building that includes an assembly as claimed in one of the preceding claims.

20. A felt comprising mineral fibers, with a thickness ranging from 2 to 10 mm and a mass per unit area of at least 130 g/m^2.

21. The felt as claimed in the preceding claim, characterized in that its mass per unit area ranges from 180 to 700 g/m^2.

22. The felt as claimed in one of the preceding felt claims, characterized in that it has a thickness ranging from 3 to 7 mm.

23. The felt as claimed in one of the preceding felt claims, characterized in that its fibers have a fineness index ranging from 3 to 25 liters per minute.

24. The felt as claimed in the preceding claim, characterized in that its fibers have a fineness index ranging from 10 to 15 l/min.

25. The felt as claimed in one of the preceding felt claims, characterized in that it includes some binder in an amount from 3 to 30% by weight.

26. The felt as claimed in one of the preceding felt claims, characterized in that it includes some binder in an amount from 5 to 25% by weight.

27. The felt as claimed in the preceeding claim, characterized in that the felt includes some binder in an amount from 6 to 16% by weight.

28. The felt as claimed in one of the preceeding felt claims, characterized in that the binder is of the thermosetting type.

29. The felt as claimed in one of the preceding felt claims, characterized in that the binder is of the phenolic or acrylic or epoxy type.

30. The felt as claimed in one of the preceding felt claims, characterized in that the fibers were produced by the internal centrifugation process.

31. The felt as claimed in one of the preceding felt claims, characterized in that the mineral fibers are glass fibers.

32. The use of a material comprising a felt of mineral fibers, said material being placed on a floor base and under a wood floor, in order to attenuate the impact noise caused by the impact with said wood floor.

33. The use as claimed in the preceding claim, characterized in that the material is not adhesively bonded to the floor base.